

Claims

What is claimed is:

- 1 1. A receptacle assembly, comprising:  
2 a body;  
3 a data transfer portion attached to the body; and  
4 a wireless communication portion attached to body, the wireless  
5 communication portion including an antenna connector attached to the body.
- 1 2. The receptacle assembly of claim 1 wherein the wireless communication portion  
2 includes a substantially integral antenna.
- 1 3. The receptacle assembly of claim 1 wherein the wireless communication portion  
2 includes a controlled impedance interface connected to the connector.
- 1 4. The receptacle assembly of claim 3 wherein the controlled impedance interface  
2 is a coaxial-type cable.
- 1 5. The receptacle assembly of claim 1 wherein the data transfer portion includes  
2 an RJ45-type receptacle including a plurality of contacts.
- 1 6. The receptacle assembly of claim 1 further comprising:  
2 a manually operable switch attached to the body.
- 1 7. The receptacle assembly of claim 6 wherein the switch is manually movable  
2 between a first position and a second position.

- 1 8. The receptacle assembly of claim 7 wherein the data transfer portion includes  
2 an RJ45-type receptacle including a plurality of contacts.
- 1 9. The receptacle assembly of claim 1 further comprising:  
2 a plurality of illumination devices attached to the body.
- 1 10. The receptacle assembly of claim 9 wherein each one of the illumination devices  
2 includes a light emitting diode.
- 1 11. The receptacle assembly of claim 9 wherein each one of the illumination devices  
2 includes a light conducting member having a cavity therein for receiving a  
3 powered illumination device.
- 1 12. The receptacle assembly of claim 9 wherein the data transfer portion includes  
2 an RJ45-type receptacle including a plurality of contacts.
- 1 13. A communication apparatus, comprising:  
2 a wireless communication device;  
3 a network interface device;  
4 a receptacle assembly body;  
5 a data transfer portion attached to the receptacle assembly body, the data  
6 transfer portion being electrically connected to the network interface device; and  
7 a wireless communication portion attached to receptacle assembly body,  
8 the wireless communication portion being electrically connected to the wireless  
9 communication device.

1 14. The apparatus of claim 13 wherein the wireless communication device includes  
2 a radio and wherein the wireless communication portion includes an antenna  
3 attached to the radio.

1 15. The apparatus of claim 13 wherein the wireless communication device includes  
2 a radio and wherein the wireless communication portion includes an antenna  
3 connector attached to the radio.

1 16. The apparatus of claim 13 further comprising:  
2 a manually operable switch attached to the body, the switch being  
3 electrically connected to the wireless communication device.

1 17. The apparatus of claim 16 wherein the switch is movable between a first  
2 position and a second position, the wireless communication device being made  
3 inoperable when the switch is moved from the first position toward the second  
4 position.

1 18. The apparatus of claim 13 further comprising:  
2 a plurality of illumination devices attached to the body.

1 19. The apparatus of claim 18 wherein each one of the illumination devices includes  
2 a light emitting diode electrically connected to the wireless communication  
3 device.

1 20. The apparatus of claim 18 wherein each one of the illumination devices includes  
2 a light conducting member including a cavity therein for receiving a powered  
3 illumination device.

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1 21. The apparatus of claim 20 wherein each one of the powered illumination devices  
2 includes a light emitting diode electrically connected to the wireless  
3 communication device.

1 22. The apparatus of claim 13 wherein the wireless communication portion includes  
2 a connector electrically connected to the wireless communication device.

1 23. The apparatus of claim 13 further comprising:  
2 an controlled impedance interface connected between the wireless  
3 communication device and the wireless communication portion.

1 24 A computer system, comprising:  
2 an enclosure;  
3 a microprocessor mounted in the enclosure,  
4 a system memory coupled to provide storage to facilitate execution of  
5 computer programs by the microprocessor;  
6 an input coupled to provide input to the microprocessor;  
7 a display coupled to the processor by a video controller;  
8 a mass storage coupled to the microprocessor;  
9 a wireless communication device electrically connected to the microprocessor;  
10 a network interface device electrically connected to the microprocessor;  
11 a receptacle assembly body;  
12 a data transfer portion attached to the receptacle assembly body, the data  
13 transfer portion being electrically connected to the network interface device; and  
14 a wireless communication portion attached to receptacle assembly body,  
15 the wireless communication portion being electrically connected to the wireless  
16 communication device.

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